

Changes for 1.6d
04 Jan 2001 www/help/bb-rep.html

End period is now 31-12-2001

04 Jan 2001 src/bbd.c

by default
Fixed missing recovery message
for certain OSes.

04 Jan 2001 src/bbpage.c

Cleared up a debug message

04 Jan 2001 src/bbd.c

misuse of bb_putenv().
Change that was not carried
in 1.6b that should have been :

Changes for 1.6b
03 Jan 2001 etc/bbinc.sh

changed grep to \$GREP
Test against # of args, not empty \$2
Thanks to Mark.Deiss@acs-gsg.com

03 Jan 2001 src/bbpage.c

Fixed problem when a single day
range or time range was defined in a
rule line: no match were found.
Also accept UID instead of user name
at startup for user validity check
Changed how putenv() is handled.
Always use static variables in
the putenv() call itself.

02 Jan 2001 runbb.sh

Fixed mishandling of rule recipients
Thanks to valankar@fxcorp.com

02 Jan 2001 src/bbpage.c

Fixed mishandling of rule recipients
Thanks to valankar@fxcorp.com

01 Jan 2001 src/bbpage.c

Messages/syslog test now expires
after a pre-determined amount of time

29 Dec 2000 etc/bbdef.sh

Improper status was sent
for disk/cpu/procs when
local test was disabled
Thanks to Anthon Pang <apang@dsi.bc.ca>

29 Dec 2000 src/bbpage.c

Fixed bug when handling
a recipient defined on
more than 1 rule. Pagedelay
would not be set correctly.

Changes for 1.6a
21 Dec 2000 src/bbpage.c

Fixed "invalid time range"
error

Changes for 1.6
19 Dec 2000 src/bbd.c

Beta1 & Beta2 & Beta3
Fixed core dump when
strings replacement
weren't handled properly

19 Dec 2000 src/dohostsvc.c

Fixed bug when "Time to live
exceeded" message would be
green

19 Dec 2000 src/bb.h

Fixed "Full HTML log" error
IP port can be defined
as well as port name in
a directive. i.e ssh:22

18 Dec 2000 src/bbpage.c

Fixed empty "rm" bug introduced
in one of the betas
Better start/restart procedure
Redhat changed ps (again...)

18 Dec 2000 web/bb-hist.sh

Added new bbd test
SSH test will connect using
"Big-Brother-Monitor-<version>" tag.
It makes it easier to mask out
for log parsing programs

18 Dec 2000 web/bb-hist.sh

Added LN

17 Dec 2000 runbb.sh

Added LN

17 Dec 2000 bin/bb-network.sh

Added LN

Changes for 1.6beta3
12 Dec 2000 etc/bbpage.c

Added LN

12 Dec 2000 etc/bbpage.c

Added LN

12 Dec 2000 src/bbpage.c

for reference in bb_errmsg();

src/bbd.c
src/bb.c
src/bbnet.c
src/utl.c
src/dumphostsvc.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

web/mkbbwml.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

src/dohostsvc.c
src/utl.c
src/bbpage.c
src/bbstat.c
src/getipaddr.c
src/touchtime.c
bin/bb-network.sh

Misc changes

Thanks to Mark.Deiss@acs-gsg.com
Make sure that conn test returns
an error when an "unreachable"
message appears

Misc changes

Thanks to andrew@axonet.com.au
TCP service codes are now
displayed in the error
numeric code

Misc changes

Option -q and -Q are not
mutually exclusive anymore.
-Q option now covers all errors.
Error messages in standard format.
Thanks to Mark.Deiss@acs-gsg.com

Misc changes

Local tests are now optional
changed mv to \$MV and cat to \$CAT
debug() call is now wrapped
around an #if DEBUG directive

Misc changes

Misc fixes noted by
Joe.Moore@dsr.com , thanks !
Added resilience when malformed
requests we're made.

Misc changes

Misc fixes noted by
Joe.Moore@dsr.com , thanks !
Added resilience when malformed
requests we're made.

Misc changes

Misc fixes noted by
Joe.Moore@dsr.com , thanks !
Added resilience when malformed
requests we're made.

Misc changes

Misc fixes noted by
Joe.Moore@dsr.com , thanks !
Added resilience when malformed
requests we're made.

Misc changes

Misc fixes noted by
Joe.Moore@dsr.com , thanks !
Added resilience when malformed
requests we're made.

Misc changes

Misc fixes noted by
Joe.Moore@dsr.com , thanks !
Added resilience when malformed
requests we're made.

Misc changes

Misc fixes noted by
Joe.Moore@dsr.com , thanks !
Added resilience when malformed
requests we're made.

Misc changes

27 Nov 2000	src/utlils.c src/utlils.c install/bbsys.sco install/bbsys.sco	Changed MAIL definition thanks to Mark.Deiss@acs-gsg.com Added REGEXEP/RE_EXEC/REGEXEC -D defines. Also added bbsend.o & bpage.o modules for dependancy and linking Path corrections	08 Oct 2000	bin/bb-pagel.sh	Allow for regular expressions for fro brief recipients (briefrcpt) Based on a submission from "Mark Galbraith" <mgalbraith@annuncio.com> Added parameter to clean_string() Also added timestamped errors Fixed 'set' bugs (environment dumps)
24 Nov 2000	src/Makefile		08 Oct 2000	src/bbdc.c src/utlils.c bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	Added sanity checks
24 Nov 2000	install/bbsys.sco install/bbsys.sco install/bbsys.openbsd web/bb-hist.sh		06 Oct 2000	Changes for 1.5c2 web/bb-hist.sh web/bb-replog.sh web/bb-histlog.sh web/bb-rep.sh web/bb-hostsvc.sh web/bb-ack.sh src/bbnet.c src/utlils.c runbb.sh etc/bbdef.sh src/bbd.c src/bb.h	Cosmetic changes
15 Nov 2000	bin/bb-disable.sh bin/bb-enable.sh etc/bbchkwarnrules.sh	Fixed bug in a sed statement Thanks to cdenneen@onsiteaccess.net , ' in hostnames. services weren't allowed Fixed bug when under certain circumstances, a rule would be judged invalid when it was valid Script to automatically acknowledge an e-mail notification by replying. Set up in .forward Don't calculate if a history file is missing Now using -DTIMEH	06 Oct 2000	bin/savehog.sh src/dohostsvc.c	moved getlinestr() to utlils.c
09 Nov 2000	bin/bb-mailack.sh		05 Oct 2000	src/dohostsvc.c	BBEXT (external script definition) has been moved to bbddef.sh Incorporated savehog.sh into bbd.c. removed savehog.sh Thanks to Andrew Dalgleish <andrew@dxonnet.com>
08 Nov 2000	web/bb-report.sh		05 Oct 2000	src/utlils.c install/bbconfig bin/bb-network.sh	Missing </> Thanks to Mark.Deiss@acs-gsg.com new functions Added Unixware7 On IP_TEST_2_CLEAR_ON_FAILED_CONN the 2nd TCP test would not be cleared. Thanks to Christian.Perrier@onera.fr Always try to match hosts using ^ suggested by Kennedy.Gordon@dig.com BBWEBHOST was not constructed properly. Noticed by Andrew Laden <aladen@plustfunds.com> Drohwere@ixl.com Dominique.Frise@ci.unil.ch Fixed bug where processes info is gathered in each script Thanks to Jason_Hartshorn@mastercard.com Support for sending SNMP traps *** UNSUPPORTED, MAY CHANGE IN FUTURE VERSIONS
03 Nov 2000	install/Makefile.sco src/bbd.c src/dohostsvc.c src/bbstat.c src/dumphostsvc.c web/mkbb.sh bin/bb-pagel.sh bin/sendms	Missing "set +f" Added support for smclient (http://www.styx.demon.co.uk/) Thanks to Andrew Dalgleish <andrew@dxonnet.com.au> Fixed typo which may cause an error Fixed core dumped when bbnet -s would be used without any arguments. Thanks to Douwe.Dijkstra@i-pay.com Fixed typos. Thanks to Mark.Deiss@acs-gsg.com Display script name when it takes longer that loop time	02 Oct 2000	bin/bb-page.sh bin/bb-cpu.sh bin/bb-procs.sh	Fixed HTML help links for columns Thanks to Dominique.Frise@ci.unil.ch
03 Nov 2000	web/bb-replog.sh		02 Oct 2000	bin/bb-cpu.sh bin/bb-procs.sh	
24 Oct 2000	src/bbnet.c		02 Oct 2000	bin/bb-page1.sh etc/bbwarnsetup.cfg	
23 Oct 2000	ext/mkbb/eventlog.sh web/mkbb.sh bin/bbnetun		02 Oct 2000	bin/bb-page1.sh etc/bbwarnsetup.cfg	
18 Oct 2000	bin/bbnetun		25 Sep 2000	web/mkbb.sh	
21 Nov 2000	web/bb-hist.sh web/bb-histlog.sh web/bb-rep.sh web/bb-replog.sh web/bb-hostsvc.sh web/bb-ack.sh	Fixed low-priority security issue (an issue nonetheless) where account names could be determined. In itself, it does not give access but provides some data to help in an account brute-force attack. Thanks to loki@f8labs.com	Changes for 1.5c1 21 Sep 2000	web/mkbb.page	
10 Oct 2000	src/bbd.c		21 Sep 2000	bin/bb-page.sh bin/bb-dock.sh	
10 Oct 2000	src/bbd.c bin/bb-ping.sh bin/bb-network.sh	Removed additional chars changed die() to bbd_die() in PING call, converted "octet" to "byte". To fix a redhat problem	20 Sep 2000	src/bbd.c	
Changes for 1.5d					

20 Sep 2000	install/bbconfig	Old-style directory structure would never be created if requested. Spotted by Heige Jacobsen <heige.jacobsen@ch.sbs.de> Fixed env dump when group-compress/group were used without titles	23 Aug 2000	web/*header web/*footer web/mkbb.sh web/mkbb2.sh ext/mkbb/eventlog.sh	Cleaned up generated HTML code
20 Sep 2000	web/mkbb.sh	NOV/Dec were set up as October...	21 Aug 2000	bin/bb-rep2.sh	
20 Sep 2000	web/mkbb2.sh	Thanks to gerard.zonne@nl.pwcglobal.com Column help links would not be displayed under certain circumstances	21 Aug 2000	src/bbstat.c bin/bb-rep2.sh bin/bb-report.sh web/bb-hist.sh	Rolled back smtp test to old way (just send a QUIT) Disregard invalid lines in history files when calculating % in reporting Full text logs was unavailable because of new structure. ONLY available if you keep the old style structure. Thanks to "LEFAND, Guillaume" <Guillaume.LEFAND@9telecom
20 Sep 2000	install/bbconfig	Thanks to Dominique FRISE <Dominique.Frise@ci.unil.ch> BBWB can be a full URL	21 Aug 2000		
Changes for 1.5c	web/mkbb.page	Fixed display problem when last line wasn't empty	.fr> 21 Aug 2000	src/bbstat.c	Fixed bug in reporting. Wrong % would be shown for single status (overall stats were correct)
18 Sep 2000	web/bb-ack.sh	BASE tag removed. Thanks to steve.neuharth@webhelp.com	21 Aug 2000		
Changes for 1.5b	web/bb-hist.sh	Fixed bug in % calculation in new entries	21 Aug 2000	bin/bb-rep2.sh web/mkrep.page web/mkrep.colis bin/bb-page.sh	Fixed bug where pg- groups weren't notified because they contained an overriding pagedelay e.g.: pg-rcpts:60
15 Sep 2000	web/bb-replog.sh	Fixed bug in report generation under Solaris.	20 Aug 2000		Performance improvements in the creation of bb.html/bb2.html
web/mkbb.sh				web/mkbb.colis web/mkbb.comp web/mkbb.page web/mkbb.bkg web/mkbb.sh web/mkbb2.sh web/mkbbwml.sh	
web/bb-report.sh					
Changes for 1.5a	src/dohostsvc.c	Fixed LOGTIME insertion in footer file	18 Aug 2000		
07 Sep 2000	install/bbsys.ixix	Changed MAIL and sets OSMAME to ixix			
07 Sep 2000	install/bbconfig	Fixed bug where unresolved commands would not be trapped			
07 Sep 2000	etc/bbchcmds.sh	Enhanced how the web server group name is defined. Also changed how the BBWEB variable is handled. Changed how BBWEBHTMLLOGS is handled. BB does not depend of full URL for BBWEB value. If you put BB on a DMZ, you should be able to access it using the internal address AND the external address	Changes for 1.5 14 Aug 2000	bbvar/logs/ bbvar/acks/ bbvar/hist/ bbvar/histlogs/ bbvar/disable/ bbvar/data/ etc/bbinc.sh src/bbd.c web/mkbb.sh runbb.sh ... (and many others) bin/bb-network.sh	These directories moved out of BBHOME and BBHOME/www to facilitate upgrading Scripts and source files modified to reflect the new structure
30 Aug 2000	bin/bb-pagel.sh				
30 Aug 2000	etc/bbdef.sh				
30 Aug 2000	etc/bbinc.sh				
30 Aug 2000	web/*_header				
30 Aug 2000	web/*_footer				
30 Aug 2000	web/mkbb2.sh				
30 Aug 2000	web/mkbb.sh				
30 Aug 2000	ext/mkbb/eventlog.sh	Fixed bug in echo statement where '' weren't escaped	11 Aug 2000	src/bbnet.c	bbnet error output for dialup hosts is now sent to /dev/null.
29 Aug 2000	etc/bbsys.sh	Added MV	11 Aug 2000	src/bbnet.c	Alarm timers are now user definable
29 Aug 2000	etc/bbchcmds.sh	Performance enhancements. Reporting also merged with mkbb.sh as the display engine is identical	11 Aug 2000	bin/bb-network.sh	bbnet error output from dialup tests (?) is now sent to /dev/null.
28 Aug 2000	web/mkbb.comp		11 Aug 2000	web/mkbb.bkg	Prevent environment dumps
28 Aug 2000	web/mkbb.colis		11 Aug 2000	bin/bb-local.sh	Thanks to Joe Moore <Joe.Moore@adrc.com> Have BB remind you to reboot after XXX days of uptime
28 Aug 2000	web/mkbb.bkg		11 Aug 2000	etc/bbdef.sh	Thanks to jim <jig@disasters.interactive8.com> BBTMP used instead of BBHOME/tmp
28 Aug 2000	bin/bb-local.sh	bb-local.sh modularized.	10 Aug 2000	src/bbd.c	Thanks to Leonid Masarskiy <lmassars@mediapartnerships.
28 Aug 2000	bin/bb-cpu.sh		10 Aug 2000		
28 Aug 2000	bin/bb-disk.sh		10 Aug 2000		
28 Aug 2000	bin/bb-msgs.sh		10 Aug 2000		
26 Aug 2000	bin/bb-network.sh		10 Aug 2000		
26 Aug 2000	bin/bb-dock.sh	URUs that had ' ' as part of them weren't properly handled	com> 10 Aug 2000	src/couchtime.c	DYNIX uses <time.h>
25 Aug 2000	bin/sendmsg	Standard error redirection done outside backquotes where making Solaris always 0 for \$?	10 Aug 2000		Thanks to <stephencouch@hotmail.com> Fixed bb2.wml error where same host may appeared more than once
25 Aug 2000	bin/bb-page.sh	Thanks to Mark Tovey <mtovey@nextlink.com>	09 Aug 2000	web/mkbbwml.sh	Added bbstat in makefile
25 Aug 2000	bin/bb-pagel.sh				
25 Aug 2000	bin/bb-rep2.sh				
25 Aug 2000	web/mkbb.sh				
25 Aug 2000	web/mkbb2.sh				
23 Aug 2000	bin/bb-network.sh	HTTP tests with ? in it would fail	08 Aug 2000	install/Makefile.*	

README . CHANGES

Thu Jan 04 13:51:03 2001

4

08 Aug 2000 etc/bbchkcmds.sh Added DIG check
08 Aug 2000 src/bbnet.c Some web servers don't serve HEAD request properly. Just show HEAD request return values.
08 Aug 2000 src/bbnet.c Added -s (silent mode). Just try to open the port.
08 Aug 2000 bin/bb-network.sh bbnet error output from reverse tests (!) is now sent to /dev/null.
08 Aug 2000 bin/bb-network.sh Added dig test. Same as dns but uses dig
08 Aug 2000 bin/bb-network.sh New IP service tag "??". Any IP service preceded with this tag is considered a dialup service
08 Aug 2000 bin/bb-display.sh Introduced WAP based display
08 Aug 2000 web/mkbbm1.sh Reporting added
08 Aug 2000 www/psj/bbnav4.gif
www/help/bb-rep.html
www/help/bb-ack.html
etc/bbinc.sh
bin/bb-report.sh
src/touchtime.c
src/bbstat.c
bin/bb-rep2.sh
web/bb-rep.sh
web/mkretep.pkg
web/bb-replog.sh
web/bbrep_footer
web/replog_footer
web/*header
install/bbconfig
08 Aug 2000 runbb.sh
20 Jul 2000 bin/bb-local.sh
17 Jul 2000 src/bb.c
19 Jun 2000 install/bbsys.ixix
17 Jun 2000 src/bbnet.c
09 Jun 2000 bin/bb-page1.sh
bin/bb-page1.sh
Changes for 1.4h2
Change for 1.4h2
10 Jul 2000 web/bb-hostsvc.sh
Changes for 1.4h1
08 Jun 2000 ext/failover
Changes for 1.4h
07 Jun 2000 src/bbd.c
bin/bb-disable.sh

31 May 2000 bin/bb-network.sh
etc/bbdef.sh
31 May 2000 bin/bb-network.sh
bin/bb-ping.sh
bin/runbb
30 May 2000 src/touchtime.c
30 May 2000 bin/bb-local.sh
27 May 2000 bin/bbrun
25 May 2000 bin/bb-disable.sh
bin/bb-enable.sh
24 May 2000 bin/bb-network.sh
17 May 2000 web/mkbb.sh
Changes for 1.4g
14 May 2000 src/touchtime.c
14 May 2000 src/touchtime.c
13 May 2000 README.SECURITY
12 May 2000 etc/bbsys.sh
etc/bbchkcmds.sh
etc/bbdef.sh
install/bbconfig
runbb.sh
12 May 2000 runbb.sh
12 May 2000 src/bbd.c
bin/bb-disable.sh
bin/bb-enable.sh
11 May 2000 web/mkbb.sh
www/help/bb-man.html
www/help/bb-hosts.html
web/mkbb.sh
11 May 2000 install/bbsys.caldara
install/bbsys.rechat
install/bbsys.debian
10 May 2000 install/bbclient
10 May 2000 bin/bb-network.sh
10 May 2000 src/bbd.c
09 May 2000 ext/failover
Changes for 1.4f
05 May 2000 bin/bb-page1.sh
05 May 2000 src/bbd.c
05 May 2000 ext/failover
05 May 2000 bin/bb-page1.sh
etc/bbwarnsetup.cfg
Changes for 1.4e

Thanks to Nicolas Chuche <chuche@teaser.fr>
Also, duration can be expressed in sec/min/hrs/days
BBSNTRREADS determine how many parallel bb-network.sh should run and split the network testing
Dialup hosts only get pinged once
SLEEP interval is now adjusted to script run time.
Fixed bug where scanf of time_t struct was incorrect on Alpha Linux
Added precedence rules for bb-dftab handling and fixed parsing problem when '!' started a line in bb-proctab
Sleeping is now adjusted on the fly to make tests happen every \$BBSLEEP
Fixed bug where duplicate offline/online would be sent if BBPAGER was also a BBDISPLAY
URL tested in http test is displayed error status
No more purple on local dialup tests
Use time.h for AIX
Fixed typo in "Sep"
Created security comments/warnings file
Added ID variable
Added BBUUSER & STOPROOF variables
Add a bit of sanity check when starting BB
Warn about running BB as root
Disabled wildcard expansion while doing a 'set'
Added group-only directive
Notes can also point to subdirectory
Dominique Frise <Dominique.Frise@ci.unil.ch>
In LYNX variable added missing -dump -head
Added LYNX variable Thanks to Christian Perrier <Christian.Perrier@onera.fr> removed ending slashes for some directories. Thanks to Dominique Frise <Dominique.Frise@ci.unil.ch> Fixed missing comments in HTTP test. Thanks to Dominique Frise <Dominique.Frise@ci.unil.ch> Added sanity checks, thanks to Holger Marzen <Holger.Marzen@si-gmbh.de> Change the call to \$BB and make the docs a little clearer...
Remove ep- prefix from recipient
Thanks to Jason Englander <jason@inter1.net> Fixed up security file handling where where bbd on Solaris would die.
Fixed up the failover capability for BB

README . CHANGES

Thu Jan 04 13:51:03 2001

5

04 May 2000	src/bbd.c
Changes for 1.4d	
04 May 2000	src/bbd.c
03 May 2000	src/bb.h
03 May 2000	src/bbd.c
03 May 2000	etc/bbdef.sh
02 May 2000	bin/bb-network.sh
02 May 2000	bin/bb-ping.sh
02 May 2000	bin/bb-network.sh
02 May 2000	ext/failover
27 Apr 2000	web/bb-hist.sh
26 Apr 2000	ext/failover
26 Apr 2000	bin/bb-page.sh
25 Apr 2000	bin/sendsmg
22 Apr 2000	src/bbd.c
18 Apr 2000	bin/bb-page.sh
17 Apr 2000	src/touchtime.c
14 Apr 2000	bin/bb-pagel.sh
14 Apr 2000	web/mkbb.bkg
13 Apr 2000	bin/bb-local.sh
09 Apr 2000	web/bb-hist.sh
07 Apr 2000	web/mkbb.sh
07 Apr 2000	runbb.sh
06 Apr 2000	web/mkbb.sh
04 Apr 2000	web/mkbb.sh
	web/mkbb2.sh
	web/bb-hist.sh
	web/bb-hostsvc.sh
Changes for 1.4c	
03 Apr 2000	web/mkbb.sh
30 Mar 2000	install/Makefile.mandrake
29 Mar 2000	install/bbsys.mandrake
	src/bbd.c

Fixed a fgets() call

Fixed buffer overflow exploit.
Thanks to jpalardy@paranoia.pgci.ca
Allow for blank lines and comments
in etc/security file.

Added CONNTEST variable. Value determines
if conn test is executed. Set to FALSE
when you want to use the fping.sh external
or not run the connectivity test at all.
Broke the ping test out into it's own
program.
Use bb-ping.sh and make things simpler
Use bb-ping.sh as well...

Fixed a bug where the date would not
appear correctly in the footer. Thanks
to Michael Salmon

<Michael.Salmon@uab.ericsson.se>
Script to enables failover
capabilities (BBNET/BBPAGER)

if required
Added failover paging support
Added more tracing and proper
exit code

Fix bug in security file handling...
many thanks to Larry Parmlee
parmee@CS.Cornell.EDU for finding it.
etc/security now supports an actual
netmask in the file of the form

216.191.20.0/255.255.255.240
If a '*' recipient was defined
on a ! rule, then it was possible
for bb-page.* files to accumulate
in \$BHOME/tmp

Support for -x option...
find on a link (find <link> ...)
does not go down a level on certain
oses... Thanks to
Holger Marzen <Holger.Marzen@sik-gmbh.de>
Testing for color matches on the first
word not the beginning of the line from
Thomas Eckert <tom@uni-freiburg.de>
Now bb-proctab matches on the localhost
for any line that starts with "... This
is the equivalent of "localhost".
Fixed bug where the 24hr color bar would
be neon yellow when a clear condition
was prevalent for more than 24hrs.

Added sleep 1 after creation of .later
to prevent intermittent purple logs
Only a PID to tmp/BBPID if required
Remove grep -v for backup in logs
John Horne <J.Horne@plymouth.ac.uk>
When setting the environment from
a status file, just use the 1st
line.

28 Mar 2000

src/bbnet.c

25 Mar 2000

bin/bb-pagel.sh

25 Mar 2000

install/bbconfig

22 Mar 2000

install/bbsys.bsdi4

22 Mar 2000

src/bbd.c

22 Mar 2000

bin/bb-network.sh

22 Mar 2000

src/bbd.c

22 Mar 2000

web/bb-hist.sh

20 Mar 2000

src/bbd.c

20 Mar 2000

etc/bbdef.sh

15 Mar 2000

bin/bb-network.sh

14 Mar 2000

install/Makefile.dynix

13 Mar 2000

ext/mkbb/eventlog.sh

11 Mar 2000

bin/saveolog.sh

10 Mar 2000

runbb.sh

10 Mar 2000

bin/saveolog.sh

10 Mar 2000

web/bb-hist.sh

10 Mar 2000

web/mkbb.comp

10 Mar 2000

web/mkbb.page

10 Mar 2000

web/mkbb.sh

10 Mar 2000

web/mkbb2.sh

10 Mar 2000

runbb.sh

09 Mar 2000

src/dohostsvc.c

09 Mar 2000

web/*header

09 Mar 2000

src/dohostsvc.c

09 Mar 2000

www/help/bb-man.html

09 Mar 2000

install/bbsys.solaris

09 Mar 2000

bin/bb-enable.sh

09 Mar 2000

bin/bb-disable.sh

do_bb() to prevent alarm being triggered
on a child that was spawned by bbd.

Thanks to

Holger Marzen <Holger.Marzen@sik-gmbh.de>

Tom Greer <tom@rtx3.net>

Christian Perrier <perrier@oneira.fr>

Missing close(sockfd)

Thanks to John Horne <J.Horne@plymouth.ac.uk>

Added support for e-pagers

recipients starts with "ep-"

Support for BSDI 4.1 and +

files in www/hist weren't initialized

properly on the first entry...

Fixed a problem when a URL had a "

Fixed bug where bballhistlog wasn't

referred at properly

Getting "expected integer" while displaying

the "Full HTML log"

Set PURPLEDELAY to its absolute value

Thanks to Jon Monroe <jon_monroe@sportsmvp.com>

Changed command sent during imap test

thanks to Dave Carriagan <dave@rudedog.org>

Added comment for alternate LIBS if it

can't link

Removed unused code

Thanks to John Horne <J.Horne@plymouth.ac.uk>

Fixed bug where IFS wasn't reset to

original value

Exclude 'runbb.sh' from process list

when checking for rogue processes

as runbb.sh could be in the list

Thanks to rallan@ca.oracle.com (Rob Allan)

Changed expr -> \$EXPR

Thanks to Jason Englander <jason@interl.net>

Some BBOU references weren't

prefixed with \$BHOME/

Thanks to rallan@ca.oracle.com (Rob Allan)

Added BORDER=0 when substituting

kcolor for tag

Added keywords

Missing blue substitution in

in HTML status logs page.

Thanks to John Horne <J.Horne@plymouth.ac.uk>

Fixed documentation that got

mangled because in the test

there was some <...> tag that

got lost because of it was

in <PRE>...</PRE> text

Changed DF -> df -kl

Don't hang in NFS test

Fixed code to properly send

enable/disable to all

BBPAGERS

Set execute permissions to

etc/bbchkwarnrules.sh during

install

Check if BB environment is set

before executing the script

README.CHANGES

Thu Jan 04 13:51:03 2001

6

08 Mar 2000	bin/bb-network.sh	Made the timing values (if used) more visible in the HTTP test	web/mkbb.sh	and mkbb2.sh run. This is to add HTML enhanced data to bb.html and bb2.html
08 Mar 2000	etc/bbchkcmds.sh	MSGFILE test changed	ext/mkbb	Purple delay is now embedded in status messages (status+time-to-expire)
08 Mar 2000	etc/bbchkwarnrules.sh	More info in mail returned to bb4 Set script's shell to /usr/xpg4/bin/sh if Solaris	src/bbd.c	Purple handling completely changed no more hardcoded 1/2 hour - now all incoming messages have their expiration date as the timestamp
Changes for 1.4beta		Thanks to John Horne <J.Horne@plymouth.ac.uk>	web/mkbb.sh	Fixed problem where \$FIND \$BRTMP would not traverse the \$BRTMP tree when \$BRTMP pointed to a symbolic link
06 Mar 2000	etc/bbdef.sh	Toggle BBHIST_IGNOREBLUE set to TRUE will not use values from the blue dot during the 24hour calculations	bin/bb-pagel.sh	Added notes support for .html/.php3 files
05 Mar 2000	www/gifs	Moved new style gifs in. Gifs from bbl.3 moved to gifs-bbl3, change the \$BSKIN to point at the one you want.	web/mkbb2.sh	Added check for BRTMP
04 Mar 2000	www/gifs-bbl3	Fixed (hopefully) the 64-bit aversion of the networking code. Using "struct in_addr" now	etc/bbchkcfg.sh	Final change for disable/enable facility
03 Mar 2000	src/bb.c	Added "data" & "notes" msgs. "data" appends the given data to a named file in www/data	src/bb.c	Implementation of Skins where you can create new gifs for BB.
03 Mar 2000	src/bbnet.c	"notes" writes the given msg data to a named file in www/notes	src/dohostsvc.c	Just change the \$BSKIN name in bbinc.sh and put your gifs in that directory (www/<newname>)
03 Mar 2000	web/bb-hist.sh	Must be explicitly compiled with the -DDATMSG & -DNOTESMSG	etc/bbdef.sh	And you can have your own custom look.
02 Mar 2000	install/bbconfig	Added mention about AIX sort options. Thanks to Steffen.Scheibler	web/bb-ack.sh	Status/Host(s) can be disabled using the bb-disable.sh script.
02 Mar 2000	install/bbsys.caldera	<Steffen.Scheibler@sovers.at>	bin/bb-disable.sh	You can reenable using bb-enable.sh
02 Mar 2000	etc/bbchkcmds.sh	Added caldera support and new pathname checking / fixing caldera support	bin/bb-enable.sh	Only works for display...
02 Mar 2000	etc/bbchkcfg.sh	New script to check pathnames	web/*header	Must be explicitly compiled with the -DENABLE_DISABLE directive
02 Mar 2000	web/hist_footer	Mod to call bbchkcmds.sh	web/bb-hist.sh	Fixed the DPCMD, the SED syntax was problematic on certain HP-UX boxes
02 Mar 2000	web/hostsvc_footer	Slight change to those footers.	web/mkbb2.sh	Put in code to verify that header/footer files were there and non-empty
02 Mar 2000	web/mkbb.sh	Explicit message when a purple message occurs to help reduce messages to the mailing list	bin/savevlog.sh	Replaced references to keeplog.sh
02 Mar 2000	bin/bb-network.sh	Added ping times to status log output. We owed one to Adam :)	src/bbnet.c	Fixed comment for return codes
02 Mar 2000	bin/bb-enable.sh	Corrected bug where wildcards weren't handled properly	runbb.sh	Thanks to Douwe Dijkstra <douwe@i-pay.com>
02 Mar 2000	bin/bb-local.sh	CHKMSGLEN added. Set to TRUE if you want to be warned on zero-length messages file	etc/bbchkwarnrules.sh	Added a check for rogue BB processes on startup. It yields a warning but does not prevent BB from starting.
02 Mar 2000	etc/bbdef.sh	Simple event log report	src/dohostsvc.c	Add this script to verify that the rules lines are properly defined
01 Mar 2000	ext/mkbb/eventlog.sh	for bb.html/bb2.html	bin/bb-pagel.sh	Fixed buglet when header/footer was not found. Thanks to Mark Deiss <mcd@crem.acs-gsg.com>
01 Mar 2000	src/bbd.c	Similar to the work of MR NETOPS (Todd Jimenez <TJJimenez@outpost.com>) but his is nicer....	bin/bb-pagel.sh	Made available, BBHOSTSVCDOTS & BBSVCNAME for custom notification
01 Mar 2000	src/bbd.c	Added code to save events per host and for all hosts	web/mkbb2.sh	Newlines are retained in the e-mail no more long one line message
01 Mar 2000	install/Makefile.redhat	fix CFLAGS, thanks to Adam Goryachev <adam@wesolvent.com.au>	web/mkbb.sh	Ignore .pkg file in \$BBLDGS in purple file check
01 Mar 2000	src/dohostsvc.c	Added a tag such bookmarks can be made to have the HTML start displaying at real data hiding the header	web/mkbb2.sh	Fixed bug that dumped environment when summary line had too many fields
29 Feb 2000	src/touchtime.c	Event logs are also saved by host and for all hosts at once	web/mkbb2.sh	Changed PS to "ps -auxw"
29 Feb 2000	etc/bbdef.sh		web/mkbb2.sh	Added DOTHERIGHT/DOTWIDTH in bbinc.sh for size of colored dot in mkbb.sh & mkbb2.sh
29 Feb 2000	etc/bbdef.sh	Execute scripts when mkbb.sh	web/bb-hist.sh	Added "Full HTML log" option
29 Feb 2000	etc/bbdef.sh		web/bb-hist.sh	HTML used to only last 50 entries
29 Feb 2000	etc/bbdef.sh		web/bb-hist.sh	Added BBIP & BBIPNAME to use in

README.CHANGES

Thu Jan 04 13:51:03 2001

8

17 oct 1999	web/mkbb.sh	Use above to control display text	09 aug 1999	bin/bb-pagel.sh	also added Solaris specific stuff
10 oct 1999	web/bb-hist.sh	status logs are clickable	09 aug 1999	src/bbd.c	Modified brief message
10 oct 1999	bin/save-log.sh	clicking history dot gives old status			Minor bug fixes, thanks to Andrew Dalglish <andrewd@axonet.com.au>
10 oct 1999	etc/bbdef.sh	New status log can be saved if variable SAVESTATUSLOG = TRUE	08 aug 1999	web/mkbb.sh	Changes for moving help into Moved faq, man, help, info, page into new www/help directory
06 oct 1999	web/*_footer	Header/footer files are now read from web/hostsvc_header & web/hostsvc_footer for some cosmetic changes	08 aug 1999	www/help	Changed bbd to bbrun in PROCS to check Thanks to Franklin.Petersen@crow.com
03 oct 1999	bin/bb-network.sh	Change SERVER PAGE GAGGED error msg thanks Jim Fitzmaurice<jpfitz@final.gov> ping by name for DHCP OK	04 aug 1999	etc/bbdef.sh	Grep for BB running shouldn't find grep Thanks wunderlich@vosnet.de
28 sep 1999	www/notes/footer	Cleaning up of generated HTML. Mostly missing quotes for <A href> and tags.	29 jul 1999	bin/bb-local.sh	Scream if messages file is not present or unreadable
23 sep 1999	web/mkbb2.sh		27 jul 1999	doc/bbclient	Copy /ext directory and added an informative message
22 sep 1999	bin/bb-local.sh	A process can be checked that is NOT running by prefixing it by !: httpd Processes can be defined in etc/bb-proctab If bb-procs exists and entries for the local host are found then it overrides PROCS/PAGEPROC settings in bbdef.sh based on an idea of Jeff Younker<jef@mml.com	27 jul 1999	runbb.sh	Ext scripts can set the value of BBSLEEP individually (how long before next run)
22 sep 1999	src/bbd.c	Inserted missing </FORM> tag	23 jul 1999	bin/bb-local.sh	added machine recently rebooted warning
22 sep 1999	web/mkbb.sh	Fixed bug where extra </TABLE> were added when no summaries existed	17 jul 1999	bin/bb-network.sh	added "noconn" keyword - no conn column added missing space when a new hist file
08 sep 1999	etc/bbsys.sh	Added HEAD	13 jul 1999	src/touchtime.c	Backed out touchtime changes 301 and 302 are OK (not warning)
28 aug 1999	etc/bbchkcfg.sh	Ip tests can appear as clear on failure if the conn test also failed. User definable Fixed summary problem when directory path contained a ' '.	10 jul 1999	bin/bb-network.sh	Additional checking
27 aug 1999	bin/bb-network.sh	Thanks to Joe Moore<joe.moore@src.com> Multiple URLs can be specified on the same line without the ' ' separator	09 jul 1999	web/bb-ack.sh	Fixed eval bug when using escalation recipient (well it's really a workaround and seems only to be for Solaris)
26 aug 1999	bin/bb-network.sh	You can check for services NOT running by prefixing to the service name the 'i' character: e.g. ifcp	09 jul 1999	bin/bb-page.sh	BBSLEEP s script configurable
18 aug 1999	bin/bb-network.sh	Inserted "user-Agent" tag when retrieving URL. Thanks to Carl Privitt <carlp@pobox.com>	08 jul 1999	src/touchtime.c	Template to build an external script
14 aug 1999	install/	Move OS specific files into install/ Modified Documentation	07 jul 1999	bin/bb-pagel.sh	Added the notion of host groups and page groups
	src/Makefile.OSes	Move bdbconfig/bbclient to install/	06 jul 1999	etc/bbwarnsetup.cfg	Added -c and -d options
	install/bbclient		05 jul 1999	bin/bb-pagel.sh	brief message option
	doc/FAQ			src/bbdef.c	briefcprc: token in config file and if rcpt is found in briefcprc then just send a brief message
	doc/README		04 jul 1999	src/bb-pagel.sh	Recoveries wouldn't always be sent out for DHCP hosts (000.000.000.000) changed the scope of an execip() call svangariduunet
	README		03 jul 1999	src/bbd.c	Fix unwanted exit error in socket call when reading status from stdin, it must not exit :)
	www/help/bb-man.html		29 jun 1999	src/bb.c	Change the COLUMNS variable name to fix conflict in OpenBSD
	www/help/bb-faq.html		28 jun 1999	web/mkbb.sh	Summaries don't generate a hist file anymore
	src/bb.c		28 jun 1999	web/mkbb2.sh	Keep a log (recoveries.log) of all status changes from color in PAGELEVELS to color not in PAGECOLORS
14 aug 1999	bin/bb-page.sh	Added code to support multiple BBDISPLAY and BBRAGERS	24 jun 1999	src/bbd.c	changed some close() to fclose()
12 aug 1999	etc/bbinc.sh	Added BBDISPLAYS and BBRAGERS	21 jun 1999	etc/bbdef.sh	Tim Gurney <gurneyt@behp72.gpt.co.uk>
11 aug 1999	etc/bbdef.sh	Changed references to bbd.com	20 jun 1999	web/mkbb.sh	Added CGI_BIN_HISTORY, URI to cgi-bin Added PURPLEDELAY (default -30)
11 aug 1999	etc/bbdef.sh	Added NOPINGCLEAR. If set to TRUE all status generated with noping and host ipaddr=0.0.0.0 are displayed as clear dots. If not TRUE, no status is generated. Can be used in conjunction with noconn (to select those you don't want with clear dots)	11 jun 1999	web/bb-hist.sh	
09 aug 1999	etc/bbdef.sh	Added BBSOFTYPE	09 jun 1999	bin/bb-pagel.sh	Fixed bug when calculating clear
09 aug 1999	doc/bbconfig	Misc changes for initial setup and client tarball creation	07 jun 1999	src/bbd.c	Fixed a possible date problem in 2003
	doc/bbclient		07 jun 1999	bin/bb-dock.sh	Keep a log of notifications sent
			01 jun 1999	src/bbnet.c	Distinguish between notifications and recovery msgs (each have a log)
			28 may 1999	bin/bb-network.sh	Remove extra newline when full block of data was read
					Multiple http tests in one bb-hosts entry. http & https appear under the http column

26 may 1999	runbb.sh	use kill -9 and rm BBPID in restart	22 mar 1999	etc/bbsys.bsdi	Simon Greaves <Simon.Greaves@usp.ac.fj>
22 may 1999	src/bgnnet.c	Added SIGSETJMP define to fix Redhat bug that hung bgnnet. Applied to Linux and Debian also. Could be glibc... LOCKPREFIX set correctly for FreeBSD Glen Foster <gfoster@foster.com> change the queue from 5 to 30 for listen()	17 mar 1999	web/mkbb2.sh	grep lives in /bin - thanks to Ray Parish <ray@emerald.is.com> removed borders for buttons
19 may 1999	etc/bbsys.freebsd		Changes for 1.09d	web/bb-hist.sh	Fixed security problem noted by Michael Smith
19 may 1999	src/bbd.c	Don't allow to start BB if another instance is running	24 apr 1999		
18 may 1999	runbb.sh	Partial support for https testing using Lynx w/openssl	Changes for 1.09c	src/bbnet.c	Fixed alarm() stuff and corrected buglet where connect timeouts not reported correctly as an error. Changed text from white to FFFFC0 to be printer-friendly
18 may 1999	bin/bb-network.sh	LYNX now only used for non-bbnet http tests (like for https)	10 mar 1999	www/html/header	
18 may 1999	etc/bbdef.sh	remove BBPID file on stop	05 mar 1999	web/mkbb.sh	
17 may 1999	runbb.sh	EXPR is /bin/expr. thank to Riley F Wilson	05 mar 1999	web/mkbb2.sh	
17 may 1999	etc/bbsys.bsdi	Change text to reflect new dir structure	05 mar 1999	web/bb-hist.sh	
17 may 1999	web/footer	replaced grep with \$GREP	02 mar 1999	src/bbd.c	Cosmetic changes
13 may 1999	web/footer	Redirected output to /dev/null as BBOUR was getting large. Thanks to phigel@wrim.net	02 mar 1999	doc/bdconfig	Cosmetic changes: Added table header
13 may 1999	bin/sending		02 mar 1999	etc/bbsys.dgux	Added support to dgux status message
13 may 1999	bin/bb-pagel.sh		Changes for 1.09a	src/Makefile.dgux	From ddulek@fastenal.com
Changes for 1.2a			24 feb 1999		Added DF definition, default /bin/df
04 may 1999	bin/bb-network.sh	Fixed inconsistent status returned	21 feb 1999	web/mkbb.sh	Fixed file expansion bug when color was purple and status message was sent to BDISPLAY. Inserted no globber code
04 may 1999	web/mkbb.sh	Fixed bug that required groups in subpages and also bug that would sometimes display the last line of the last page in bb-hosts	21 feb 1999	bin/bb-page.sh	IMAP test bug when running under a System V type OS
04 may 1999	web/mkbb.sh	All output to \$BHOME/BBOUR	21 feb 1999	bin/bb-pagel.sh	removed unnecessary malloc
04 may 1999	runbb.sh	Changed anon to testip	21 feb 1999	src/bbd.c	Inserted proper color for ALT text
Changes for 1.2		Added LOCKPREFIX	21 feb 1999	web/db-ack.sh	Added pageadhtmlpath token
01 may 1999	bin/bb-network.sh	Fixed backgrounds, etc	18 feb 1999	web/db-hist.sh	Modified code for html patch in email notification
27 apr 1999	etc/bbsys.hpux	changed sed to \$SED - noticed by Nick Silberstein	18 feb 1999	web/db-ack.sh	Fixed overflow problem with long lines
26 apr 1999	web/mkbb.sh		15 feb 1999	src/bbnet.c	Created bb-hist.sh
26 apr 1999	web/bb-hist.sh	Added option to notify on recovery of problem	11 feb 1999	src/touchtime.c	Moved from www/bb-ack.sh to web/bb-ack.sh
24 apr 1999	bin/bb-dock.sh		11 feb 1999	src/touchtime.c	Try 3 times before timing out. This should reduce false alarms.
24 apr 1999	bin/bb-page.sh		10 feb 1999	src/touchtime.c	Added -a option: return ctime() string can also specify offset
24 apr 1999	etc/bbwarnsetup.cfg	Moved footer/header of HTML status file to \$BHOME/web such that www/html can be cleaned up with rm www/html/*	10 feb 1999	bin/bb-page.sh	Added -e option: return current time tick can also specify offset
24 apr 1999	web/footer		10 feb 1999	src/touchtime.c	Fixed bug in notification where host would be marked as unmatched but should have been displayed under proper name
24 apr 1999	web/footer		10 feb 1999	bin/bb-page.sh	Added support for Dynix from Stephen Couch
24 apr 1999	src/bbd.c		05 feb 1999	doc/bdconfig	Debian linux from Mark A. Bialik
23 apr 1999	bin/bb-page.sh	Added escalation & initial delay in notification facility	05 feb 1999	src/Makefile.dynix	Added support for Dynix
21 apr 1999	bin/bb-pagel.sh	Fixed bug when using suffix for dialing	05 feb 1999	etc/bbsys.dynix	Added support for Dynix
21 apr 1999	web/mkbb.page	Creates temp hosts file for subpage generation and returns pkg color	05 feb 1999	etc/bbsys.dynix	Added support for Debian
21 apr 1999	web/mkbb.sh	Support for 'page' keyword	04 feb 1999	web/mkbb2.sh	Removed extra "0" on green screen
17 apr 1999	bin/bb-local.sh	Added feature to ignore certain messages during the messages/sylog check. IGNNSGS variable in bbdef.sh. bb can now use a system name as well as an IP address for server to send to	04 feb 1999	src/bbd.c	fixed bug: used a FILE* as an argument to %s in a printf()
17 apr 1999	src/bb.c	BBIDSP and BBPAGE set to names not IP addresses if IP addr = 0.0.0.0	03 feb 1999	web/mkbb.sh	if the BBDISPLAY host sends a summary to itself then remove it in www/logs before generating the background color
17 apr 1999	etc/bbinc.sh	IP addresses if IP addr = 0.0.0.0	03 feb 1999		Added support for IMAP
17 apr 1999	bin/bb-network.sh	Modified dns test to use name if IP addr = 0.0.0.0	02 feb 1999	src/bbnet.c	Added support from Makefile.generic and added -DSEBK_END=2
15 apr 1999	runbb.sh	Modify runbb.sh to work with bbrun and exec in parallel plus plugins	02 feb 1999	bin/bb-network.sh	Added short timeout for servers that don't send anything back.
15 apr 1999	src/bbd.c	Write bbd pid to \$BHOME/tmp/BBPID	Changes for 1.09a	src/bbnet.c	Replaced color tokens found in the
13 apr 1999	bin/bb-page.sh	Added exclude rule in bbnames.c	02 feb 1999	src/bbnet.c	
26 mar 1999	bin/bb-network.sh	Network services tested by name then by IP addr if name resolution fails.	Changes for 1.09	src/bbd.c	
25 mar 1999	web/mkbb2.sh	changed ALT tag to be Lynx friendly	28 jan 1999	src/bbd.c	
22 mar 1999	etc/bbsys.osf	service:color			
		Added MAIL definition - thanks to			

28 Jan 1999	bin/bd-local.sh	status message when HTMLizing the status message. Added token for colored gifs in the disk and procs test.	15 nov 1998	bin/bd-local.sh bin/bd-network.sh bin/bd-network.sh
24 Jan 1999	src/+.c	minor changes to make lint happy	13 nov 1998	doc/dbconfig
24 Jan 1999	etc/bvinc.sh	Added BBDATE BBRELDATE	13 nov 1998	etc/dbsys.bsdi
24 Jan 1999	web/mkbb.sh	Added BBDATE/BBRELDATE to generated web pages w/valid EXPIRES tag and added full date and time to bb2.html screen	13 nov 1998	src/Makefile.bsdi
24 Jan 1999	web/mkbb2.sh	minor generated HTML corrections	13 sep 1998	bin/bd-local.sh
24 Jan 1999	runbb.sh	Moved PAGELEVELS from runbb.sh to bodef.sh	21 sep 1998	bin/bd-network.sh
24 Jan 1999	etc/bbdef.sh	Moved settings of BBDISP/BBPAGE/BNET BSSEVER to etc/bvinc.sh	29 sep 1998	bin/bd-local.sh
24 Jan 1999	runbb.sh	Page and Acknowledge on same page added, cgi for paging/ackng removed	14 oct 1998	bin/bb-page.sh
20 Jan 1999	www/bb-page.html	added definition for PS from Brian McEntire <brianm@fsjl.nws.noaa.gov>	14 oct 1998	bin/bd-local.sh
20 Jan 1999	www/bb-ack.sh	Added missing comments. Added MSGFILE for hpux9	14 oct 1998	etc/dbsys.itrix
20 Jan 1999	etc/dbsys.bsdi & hpux9	Added BBEWBTMLLOGS. Contains HTTP location of HTMLized log files. of your web server Removed PRAGMA META tag	> 14 oct 1998	etc/dbsys.sh
18 Jan 1999	etc/bbdef.sh	Added PAGELEVELS extract removed BWARN,PAGERELAY,TITLE,PREFIX SUFFIX,CFGELIM,SVCERLIST. They are now tokens in bwarnsetup.cfg removed created, it contains tokens that used to be ENV variables in bbdef.sh new name of bwarn.cfg but now only contains rules for notifications	Changes for 1.08a 05 sep 1998	etc/dbsys.aix
17 Jan 1999	web/mkbb.sh	HTMLized status pages	04 sep 1998	bin/bd-local.sh
14 Jan 1999	web/mkbb2.sh	Added BBREL & BBRELDATE tags for HTMLized status pages	03 sep 1998	web/mkbb.sh
14 Jan 1999	etc/bbdef.sh	sends page on any message color that matches the pagelevels token in bwarnsetup.cfg can accept third argument as string to send to opened port. colored dots now point to HTMLized status page file is now opened in append mode	25 aug 1998	etc/numeric-k6.sc
14 Jan 1999	etc/bbwarn.cfg		20 aug 1998	src/bb.c
14 Jan 1999	etc/bbwarnsetup.cfg		Changes for 1.08 09 aug 1998	web/mkbb.comp
09 Jan 1999	src/bbd.c		08 aug 1998	web/mkbb.comp
09 Jan 1999	src/bb.h		08 aug 1998	web/mkbb.sh
09 Jan 1999	src/bb.c		08 aug 1998	web/mkbb2.sh
08 Jan 1999	src/bbnnet.c		06 aug 1998	bin/bd-local.sh
08 Jan 1999	web/mkbb.sh		04 aug 1998	bin/bd-network.sh
08 Jan 1999	web/mkbb2.sh			
07 Jan 1999	src/touchtime.c			
Changes for 1.08b				
01 Jan 1999	web/mkbb.sh	Fixed format for EXPIRES Meta tag. Now hardcoded to a date "in the past".	Changes for 1.07c 01 Aug 1998	bin/bd-network.sh
01 Jan 1999	web/mkbb.sh			
01 Jan 1999	etc/bvinc.sh	Comments OK in etc/bb-hosts for BBDISP BBPAGE		bin/bb-page.sh
31 Dec 1998	runbb.sh	Comments OK in etc/bd-hosts now on startup fixed PROCS checking for IRIX thanks to Paul Gluhosky	1	
21 Dec 1998	bb/bd-local.sh	<paul.gluhosky@yale.edu>		
21 Dec 1998	bb-1.08b archive made	New scripts to verify validity of configuration	30 Jul 1998	src/bbd.c
1 Dec 1998	etc/bbchkhosts.sh	Added origin of status message	29 Jul 1998	bin/bd-network.sh
1 Dec 1998	src/bbd.c			
1 Dec 1998	bin/bb-page.sh			
1 Dec 1998	bin/bb-pagel.sh			
1 Dec 1998	bin/sendmsg			
1 Dec 1998	etc/bbwarn.cfg			
1 Dec 1998	src/bb.c		23 Jul 1998	etc/bbdef.sh
1 Dec 1998	etc/bbdef.sh		om>	
1 Dec 1998	etc/bbsys.sh		19 Jul 1998	src/bbd.c
1 Dec 1998	etc/bbinc.sh			

dns paging was broken - fixed by
Takahiro Yugawa <yugawa@tjfit.ad.jp>
Support for bsd!
Added by Matt Simerson <matt@nichweb.net>
Added link to new file
fixed machine name back into disk messages
fixed missing newline on line 155 thanks to
"Eric J. Frisch" <efrisch@magi.com>
Changes instances of \$BHOME/lmp to \$BRTMP
thanks to Pritchard.Terry.TG@hp.com.au
Fixed logic to allow manual paging to bypass
the PAGERDELAY limit - more thanks to
IRIX disk test reworked. Thanks to
Thomas Alex <thomas.alex@comgenys.com>
IRIX specific variables moved into the
bb-local.sh script proper. DFOUTPUT=IRIX add
Thanks Thomas Alex <thomas.alex@comgenys.com>

Reminder to export DFOUTPUT, Thanks again to
Thomas Alex <thomas.alex@comtngensys.com>

DPUS and DPSORT variable were fixed by
Patrick Allais <allais@lucent.com>
Code for custom disk partition monitoring
from Robert-Andre Croteau
PRAGMA NO-CACHE added to help avoid BB cache
from vanhoosdedeserius.com
Mathieu Patenaude - numeric script that works
with kermil version 6 (math@unlx.sh).
Cosmetic change; newline after error messages

```

Fix last group compress buglet
New. Returns list of column names to display
If group line is marked "group-compress" only
display columns that have data in that group.
Only display non-green columns on output
Made sure if pager was called, displayed messsage
also says (paging). For debugging.
Added ERR variable to fix erroneous green
condition buglet...

```

```

Modified ping test to check for return code
then the return string - string is not
always OK (Time To Live exceeded errors)...
Navindra Unamee <navindra@openface.ca>
Reorganized it in a case statement in part to
support the Airtouch e-mail -> pager format of
NNNNNNNN@airtouch.net (which used to try to dia
out due to the NNNNNNNN).
Remove hardcoded port # from error message
(frank@bluegrass.net)
Added support for DHCP (0.0.0.0) addresses and
automatic noping for them. http test now sends
entire server response from head commands.
LYNN=lynn definition changed so that output
works like bhnet: Leif Ericksen <phantom@wva.c
allow longer messages (like an entire ps or df

```

README.CHANGES

Thu Jan 04 13:51:03 2001

11

src/bb.h
bin/bb-local.sh

MAXBUF (largest message size now 8192)
Send full 'df' output to BBDISPLAY

20 Oct 97

Version 1.05

PAGINGLOCK in runbb.sh from Martin Richard
<martin@europa.collegebbdb.qc.ca>
More security, grouping, dialup support

Changes for 1.07b
24 Jun 98 bin/bb-network.sh
24 Jun 98 etc/bbdef.sh

Added paging for all internet services
Patrick Hopewell <p.hopewell@utoronto.ca>
Added NONETPAGE, removed TELNETPAGE & HTTPPAGE

27 Apr 97

Version 1.04h

Changes for 1.07a
21 Jun 98 bin/bb-network.sh
21 Jun 98 src/bb.c
21 Jun 98 src/bbnet.c

Better service checks and error messages
Better error messages
Better error messages

13 Apr 97

Version 1.04f

From: Jon Lewis <jlewis@nortel.com>
Fix bbnet.c uninitialized data sent.
From: Doug White <dwhite@ddi.uoregon.edu>
Fix bbnet.c core dump on http addresses
Added the FAQ to the docs directory.
New little button for BB. Yup, that's it.
Bill Petersen <bpetersen@sun7.dsccc.com>
make web/mkbb.cols 25 times faster :)
bb.h MAXLINE changed to 2048 to avoid
making Solaris ftpd core dump on test
bbnet.c GET protocol correction from
Don Sullivan (dsullivan@agata.arc.nasa.gov)
Fixed dumb table problem in mkbb2.sh

Changes for 1.07
17 Jun 98 bin/bb-network.sh
17 Jun 98 bin/bb-page.sh

Added nopong option - ping test now optional
Shortened subject line for mail paging

Changes for 1.06e
26 May 98 bin/bb-local.sh
26 May 98 bin/bb-network.sh
25 May 98 src/touchtime.c
25 May 98 web/mkbb.sh
25 May 98 bin/bb-page.sh
25 May 98 bin/sendsmsg

PROCS now includes PAGEPROC to test
Dialup services that fail = clear dot
New functionality - does touch files
Change related to touchtime
Change related to touchtime
Change related to touchtime

03 Mar 97

Version 1.04a

Changes for 1.06d
24 May 98 etc/bbsys.hpux

Added PINGPARS for hpux from Steve
Bonds <bonds@agora.rdrop.com>
Fix for year-rollover problem.

23 Feb 97

Version 1.04

03 Feb 97

Version 1.03a

Changes for 1.06c
05 May 98 etc/bbsys.unixware
18 Apr 98 bin/bb-network.sh
29 Apr 98 bin/bb-network.sh

Fix for ping params from Jim Whitby
dialup would page on clear...
dns server testing from Frank Kujawski
<frank@bluegrass.net>
Added NSLOOKUP variable
Added DNSERR variable
Defined additional NSLOOKUP locations

01 Feb 97

Version 1.03

29 Apr 98 etc/bbsys.sh
29 Apr 98 etc/bbinc.sh
01 May 98 etc/bbinc.*

Added NSLOOKUP variable
Added DNSERR variable
Defined additional NSLOOKUP locations

30 Jan 97

Version 1.02c

Changes for 1.06b
22 Mar 98 src/bbnet.c

http request to have \r's for roxen
Brian Lenihan <brian@real.com>

25 Jan 97

Version 1.02a

29 Mar 98 README
30 Mar 98 src/bbd.c
01 Apr 98 bin/bb-page.sh
19 Mar 98 src/bbnet.c
19 Mar 98 src/bb.c
21 Jan 98 bin/bb-network.sh
05 Feb 98 bin/bb-network.sh
14 Feb 98 web/mkbb.sh
05 Mar 98 web/mkbb.sh
14 Mar 98 src/bbd.c

Got rid of BBPAGER-beta crap.
standalone bbd core dump - fixed.
Corrected comment about BBPAGER to PAGER
remove extra socket() call
Test 3 times before paging on ping
MACHIP -> IPADDR when paging
bb.gif HEIGHT and WIDTH were reversed
BBBKG, BBDAT, BBTIME variables added
etc/security fixes and bounds checking
from fecthemuffin.arcadia.spb.ru
SO_REUSEADDR (bbd restart bug) from
Gary Mills <mills@cc.umanitoba.ca>
Support for PROXY checking... format is
http://proxy.com/http://reg.url.com
grep lives in /bin and ps has no -

12 Jan 97

Version 1.02

14 Mar 98 src/bbd.c

http request to have \r's for roxen
Brian Lenihan <brian@real.com>

08 Jan 97

Version 1.01

15 Mar 98 src/bbnet.c

http://proxy.com/http://reg.url.com
grep lives in /bin and ps has no -

31 Dec 96

Version 1.00

16 Mar 98 etc/bbsys.redhat
Changes for 1.06a

Support for notes files links in summary lines.
Fix bug where numeric mail is sent via kermit
Support display grouping & blanks in bb-hosts
Fix HTML syntax errors in display
Fix HTML syntax errors in display

23 Dec 96

Beta 0.99

10 Jan 98 web/mkbb.sh
16 Jan 98 bin/bb-page.sh
18 Jan 98 web/mkbb.sh
18 Jan 98 web/mkbb.sh
18 Jan 98 web/mkbb2.sh

Support for notes files links in summary lines.
Fix bug where numeric mail is sent via kermit
Support display grouping & blanks in bb-hosts
Fix HTML syntax errors in display
Fix HTML syntax errors in display

23 Dec 96

Beta 0.99

Previous Versions
01 Jan 98 Version 1.06
04 Dec 97 Version 1.05a

Copyrights and licenses enhanced.
Finally added redhat fixes and fixed

23 Dec 96

Beta 0.99

Time of last update put in web page title
bbnet.c deals with trailing / better...
Fix for Sunos ping parameters
Jim Whitby adds support for Unixware 2.0

README.CHANGES

Thu Jan 04 13:51:03 2001

12

15 Dec 96 Beta 0.98
12 Dec 96 Beta 0.97
02 Dec 96 Beta 0.96
27 Nov 96 Beta 0.95
25 Nov 96 Beta 0.94
21 Nov 96 Beta 0.93
19 Nov 96 Beta 0.92
18 Nov 96 Beta 0.91

Have fun.

--

Sean MacGuire
http://bbd.com/

Fixed bug in bb-network.sh \$NAME -> MACHINE
in status report.
Added bbnnet to check network connections
instead of lynx. All machines/ports can
be checked, but just do http for now...
bin/bb-network.sh and src/ changed.
Support for SCO 5 from Douwe Dijkstra
(D.Dijkstra@winfno.nl)
Added non-blinking GIFS
Added Solaris ping changes from
Josh Wilmes (josh@sky.net)
Added proper IRIX support with info from
David Brandon (dbrandon@tamug.tamu.edu)
Folded in Gunnar Helliesen's changes
for OSF/Unix, Ultrix, and NetBSD
Changes bin/bb-network.sh for ping
code, and changed grep and rm to variables.
Spit error code if variables undefined.
Increase CPU warning > 150 error > 300
Fixed bbd.c "errno.h" => <errno.h>
Added Gunnar Helliesen's (gunnar@bitcon.no)
changes to the infamous zombie code...
Removed -DZOMBIE from linux makefile
Added \$DPEXCLUDE to bin/bb-local.sh
Fixed bad patch in src/bbd.c (in 0.91)
Patched src/bbd.c check for signal interrupt

info@bbd.com
+1 514 996 INET